

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Tyus on 7/9/09.

The application has been amended as follows:

Claim 32 has been amended as follows:

---A process for preparing an alkylaromatic hydrocarbon composition comprising the steps of:

(a) oligomerizing an olefin selected from propylene, n-butene and mixtures thereof, over a catalyst comprising ZSM-23 and a surface deactivating agent, to form an oligomerization product comprising at least 95% by weight of mono-olefin oligomers of the empirical formula:



wherein n is greater than or equal to 10, wherein said mono-olefin oligomers comprise at least 20% by weight of olefins having at least 12 carbon atoms and said olefins having at least 12 carbon atoms and an average of from 0.8 to 2.0 C₁-C₃ alkyl branches per carbon chain;

(b) contacting the oligomerization product and an aromatic compound under alkylation conditions with an aromatic alkylation catalyst comprising a molecular sieve

Art Unit: 1797

having an X-ray diffraction pattern including d-spacing maxima at 12.4 ± 0.25 , 6.9 ± 0.15 , 3.57 ± 0.07 , and 3.42 ± 0.07 Angstroms, said molecular sieve is selected from the group consisting of MCM-22, PSH-3, SSZ-25, ERB-1, ITQ-1, ITQ-2, MCM-36, MCM-49, and MCM-56,

wherein the oligomerization product is not subject to any pretreatment other than to remove the surface deactivating agent prior to the contacting step.---

Claim 13 has been canceled.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to THUAN D. DANG whose telephone number is (571)272-1445. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenn Caldarola can be reached on 571-272-1444. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/THUAN D DANG/
Primary Examiner, Art Unit 1797